

# Brendan Lynch

## Full-Stack Developer

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Waterloo, ON

brendanml.com

github/brendanml

### SUMMARY

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Passionate web developer focused on building single-page apps that enhance user experience. All ideas are data-modeled and wireframed in Figma. I follow WCAG guidelines to improve accessibility and SEO.

### EDUCATION

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#### University of Victoria

BSc in Computer Science

Apr. 2021 - Jun. 2025

Victoria, BC

### PROJECTS

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#### Rebiblio: Book Exchange Website.

Lead Full-Stack Engineer

Mar. 2025 - Apr. 2025

Waterloo, ON

- Reduced downtimes by 80% by implementing **end-to-end** tests with **Playwright**, ensuring stability while scaling.
- Improved frontend responsiveness by 200% by migrating the frontend to **React**.
- Reduced custom CSS code by 70% by migrating to Tailwind CSS and Shadcn, improving maintainability and consistency.
- Refactored frontend codebase by introducing context and hooks architecture, reducing duplicated logic by 50% and improving state management clarity.
- Integrated the Google Books and Google Maps **REST APIs**, increasing uptime by 200%.
- Improved MongoDB write performance by 60% by replacing multiple individual operations with bulk writes.

#### Dafig: Lego Minifigure Pricing Analytics Website.

Backend Engineer

Dec. 2024 - Feb. 2025

Victoria, BC

- Improved pricing accuracy by replacing outdated JSON data with real-time updates from the BrickLink **REST API**.
- Migrated Python web scraping microservice from **Selenium** to asynchronous HTML sessions with **BeautifulSoup4** to fetch data not available via API.

### WORK EXPERIENCE

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#### Canada Post Company

Letter Carrier

Jun. 2020 - Sept. 2023

Victoria, BC

- Improved delivery times by 160%, reducing parcel wait times from 5 PM to no later than 2 PM.
- Demonstrated strong time management, completing high-volume delivery routes within strict deadlines.
- Proven ability to work independently and reliably in a self-managed, performance-based role.
- Handled increased workloads during peak seasons, staying on schedule and maintaining accuracy under pressure.

### CERTIFICATIONS

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#### University of Helsinki

Full Stack Open

Sept. 2024 - Feb. 2025

Online

- React, Node.js, Express.js, MongoDB, Redux, React Router, Contexts, Custom Hooks, Playwright, Vitest, GraphQL, CI/CD Pipelines.

### SKILLS

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- Languages: **JavaScript**, **TypeScript**, **Python**, C/C++, HTML, CSS.
- Frameworks: **React**, **Node.js**, **Express.js**, **Shadcn**, **Tailwind CSS**.
- Databases: **MongoDB**, SQL.
- Tools: **Git**, Postman, **Docker**.
- Testing: **Playwright**, Vitest.
- APIs: **REST**, **GraphQL**.